

Notice of Allowability

Application No.

09/616,330

Examiner

Greg Bengzon

Applicant(s)

STANTON ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/23/2006.
2. ☒ The allowed claim(s) is/are 13-34, 36 renumbered 1-23 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Atty. Mary Jo Bertani on September 5, 2006.

Claim 36 has been amended to reflect claim dependency on Claim 22 instead of Claim 35. Claim 36 is amended as shown below.

In the Claims:

36. (Currently Amended) The apparatus of Claim 22 wherein further comprising:
logic instructions operable to: select the alternate service component based on at least one factor of the group consisting of: queue depth, average compute time, and network latency.

Allowable Subject Matter

Claims 13-34, 36 are allowed.

The following is an examiner's statement of reasons for allowance:

The provision for a messaging platform for a component-based software system, the platform comprising:

- a connection assembler for at least one of creating, managing and manipulating a first messaging platform connection;

- a protocol management framework for implementation of a predetermined transport protocol over the first messaging platform connection;

- a schema generator for, responsive to a request for service received over a second messaging platform connection, creating a document according to a predetermined format, the document containing information to be provided to another system over the first messaging platform connection;

- an encoding component for converting a document in the predetermined format into a first encoded object that can be understood and used by the other system, the first encoded object being encoded according to a default encoding protocol; and

- a translation component for encoding a document in the predetermined format into a second encoded object that can be understood and used by the other system, the second encoded object being encoded according to an encoding protocol different from the default encoding protocol

--- wherein all the features previously described are combined in one singular embodiment, is not fairly taught or suggested by the prior art of record.

The Examiner finds particular novelty in the messaging platform capabilities as described in the Applicant Specification (pages 21 line 3 through page 25 line 16 of the specification, and as shown at least in Figures 1, 9, 10.)

Kumar does not use a DTD or schema with default or fixed values for attributes. Kumar describes the DTD as comprising "a plurality of nested elements where at least one of the elements corresponds to a method in the profile manager or a profile itself. The element can include arguments required by the corresponding method. The DTDs used to transmit messages in Kumar cannot be used with SOAP.

Neither Ankireddipally or Young, alone or in combination, discloses or suggests an encoder object that identifies a handler that translates the request document to a document format required by the service component, or transmits the encoder object and the request document to a system hosting the service component. Ankireddipally does not disclose or suggest an encoder object or transmitting the encoder object and the request document. The session objects in Young contain properties with values for the usage data. Further, the encoder in Young encodes the stream of session objects for error detection or authentication purposes. There is no feature in Young that is used

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to identify a handler or translate the request document to a document format required by the service component.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

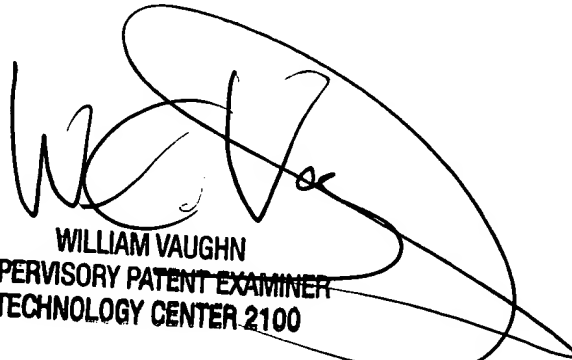
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Bengzon whose telephone number is (571) 272-3944. The examiner can normally be reached on Mon. thru Fri. 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on (571)272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

gcb



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